Federal Communications Commission
Washington, D. C. 20554

FCC 340

Approved by OMB
3060-0034
Expires 4/30/92
See Page 23 for information regarding public burden estimate

APPLICATION FOR CONSTRUCTION PERMIT FOR NONCOMMERCIAL EDUCATIONAL BROADCAST STATION

(Carefully read instructions before filing form) Return only form to FCC

MAY 14 3 01 PM '92

For Commission Use Only
File No.

RECEIVED
MAY 13 1992
Federal Communications Commission
Office of the Secretary

Section I - GENERAL INFORMATION

1. Name of Applicant		
Educational Media Foundation of Bryan/College Station		
Street Address or P.O. Box: P.O. Box 187		
City: Humble	State: TX	ZIP Code: 77347
Telephone No. (Include Area Code): (713) 446-5725		

Send notices and communications to the following person at the address below:		
Name: Buddy Holiday *		
Street Address or P.O. Box: P.O. Box 187		
City: Humble	State: TX	ZIP Code: 77347
Telephone No. (Include Area Code): (713) 446-5725		

2. This application is for: ☐ AM ■ FM ☐ TV

(a) Channel No. or Frequency	(b) Principal Community	City	State
89.9		Bryan	TX

(c) Check one of the following boxes:

☐ Application for NEW station

☐ MAJOR change in licensed facilities; call sign: _____

☐ MINOR change in licensed facilities; call sign: _____

☐ MAJOR modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ MINOR modification of construction permit; call sign: _____

File No. of construction permit: _____

■ AMENDMENT to pending application; application file number: BPED-910924MC

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

* Copy to Ashton R. Hardy, Bordelon, Hamlin, Theriot & Hardy
701 S. Peters St., New Orleans, LA 70130

3. Is this application mutually exclusive with a renewal application? ☐ Yes ☐ No

If Yes, state:	Call letters	Community of License: City	State

SECTION VI – EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees? ☐ Yes ☐ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII – CERTIFICATION

1. Has or will the applicant comply with the public notice requirements of 47 C.F.R. Section 73.3580? ■ Yes ☐ No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. *(See Section 304 of the Communications Act of 1934, as amended.)*

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant	Title
Educational Media Foundation of Bryan/College Station	President
Signature	Date
	7/24/92

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

ORIGINAL

ENGINEERING EXHIBITS

AMENDMENT TO THE APPLICATION FOR CONSTRUCTION PERMIT FOR NEW NON-COMMERCIAL EDUCATIONAL FM BROADCAST STATION

BRYAN, TEXAS
CHANNEL 210A - 89.9 MHz
ERP 100 WATTS AT 101 METRES AAT

Educational Media Foundation
of Bryan-College Station

April 1992

NEW EDUCATIONAL
FM BROADCAST STATION
BRYAN, TEXAS

CONTENTS OF REPORT

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____

Name of Applicant

Educational Media Foundation of Bryan-College Station

Call letters *(if issued)*	Is this application being filed in response to a window? ☐ Yes ☒ No If Yes, specify closing date: _____

Purpose of Application: *(check appropriate boxes)*

- ☒ Construct a new (main) facility
- ☐ Construct a new auxiliary facility
- ☐ Modify existing construction permit for main facility
- ☐ Modify existing construction permit for auxiliary facility
- ☐ Modify licensed main facility
- ☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- ☐ Antenna supporting-structure height
- ☐ Effective radiated power
- ☐ Antenna height above average terrain
- ☐ Frequency
- ☐ Antenna location
- ☐ Class
- ☐ Main Studio location
- ☐ Other *(Summarize briefly)*

File Number(s) Amendment to BPED-910924MC

1. Allocation:

Channel No.	Principal community to be served: City	County	State
210	Bryan	Brazos	TX

Class *(check only one box below)*

☒ A ☐ B1 ☐ B ☐ C3
☐ C2 ☐ C1 ☐ C ☐ D

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

On State Route 21, 0.75 km west-southwest of Bryan, Brazos County, Texas.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	30°	39'	37"	Longitude	96°	25'	01"

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☒ Yes ☐ No

If Yes, give call letter(s) or file number(s) or both. Numerous communications facilities

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates? ☐ Yes ☒ No
If Yes, list old coordinates.

Latitude ° ' "	Longitude ° ' "

5. Has the FAA been notified of the proposed construction? ☐ Yes ☒ No
If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available. Not Required

Exhibit No. N/A

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	Texas A&M	6.0	253°
(b)			

7. (a) Elevation: *(to the nearest meter)* Existing tower. No change. Height figures are as approved

(1) of site above mean sea level; 94 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 152 meters

(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 246 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground * meters (H)
93 meters (V)

(2) above mean sea level [(a)(1) + (b)(1)] * meters (H)
187 meters (V)

(3) above average terrain * meters (H)
101 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No. E-2

9. Effective Radiated Power:
(a) ERP in the horizontal plane * kw (H) 0.100 kw (V)

(b) Is beam tilt proposed? *Vertical Polarization Only ☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No. N/A

N/A kw (H) N/A kw (V)

*Polarization

10. Is a directional antenna proposed? ☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field. Exhibit No. N/A

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour? ☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125. Exhibit No. N/A

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference? ☒ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. *(See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)* Exhibit No. E-1

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers. Exhibit No. E-3

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers: Exhibit No. E-4

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 335 sq. km. Population 62,961

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours. Exhibit No. N/A

No change – Not Applicable

Enter the following from Exhibit above: Gain Area _____ sq. mi.
Loss Area _____ sq. mi.

Percent change (gain area plus loss area as percentage of present area) _____ %.
If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

17. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: _____)

18. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313).*

Source of terrain data: *(check only one box below)*

[X] Linearly interpolated 30-second database [ ] 7.5 minute topographic map

(Source: NGDC)

[ ] Other *(briefly summarize)*

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	85	9.5
45	89	9.7
90	93	10.0
135	90	9.8
180	115	11.0
225	117	11.1
270	113	10.9
315	104	10.5

Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico? [ ] Yes [X] No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No. N/A

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada? ☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947. Exhibit No. N/A

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following: Exhibit No. E-5

(a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
(b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
(c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
(d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
(e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
(f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
(g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference).* Exhibit No. E-1

23.(a) Is the proposed operation on Channel 218, 219, or 220? ☐ Yes ☒ No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207? ☐ Yes ☐ No N/A

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223. Exhibit No. N/A

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose. Exhibit No. N/A

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:.

Exhibit No. N/A

(1) Protected and interfering contours, in all directions (360°), for the proposed operation.
(2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
(3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
(4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

[X] Yes [ ] No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No. E-6A & E-6B

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

[ ] Yes [X] No

If Yes, attach as an Exhibit information required in 1/. *(Except for Class B (secondary) proposals.)*

Exhibit No. N/A

26. Environmental Statement *(See 47 C.F.R. Section 1.1301 et seq.)*

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

[ ] Yes [X] No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No. N/A

If No, explain briefly why not. See Exhibit No. E-1

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name *(Typed or Printed)*	Relationship to Applicant *(e.g., Consulting Engineer)*
Charles I. Gallagher	Consulting Engineer
Signature Charles I. Gallagher	Address *(Include ZIP Code)* Gallagher & Associates 5385 Broadwater Lane Clarksville, MD 21029
Date April 30, 1992	Telephone No. *(Include Area Code)* (301) 854 - 2636

EXHIBIT NO. E-1

ENGINEERING STATEMENT
REGARDING AN AMENDMENT TO THE
APPLICATION FOR CONSTRUCTION PERMIT
NEW EDUCATIONAL FM BROADCAST STATION
CHANNEL 210A, 89.9 MHz
ERP 100 WATTS AT 101 METRES AAT

This engineering statement and associated exhibits have been prepared on behalf of Educational Media Foundation of Bryan-College Station, to accompany an amendment to their application for a new educational FM broadcast station at Bryan, Texas, to operate on Channel 210A with an effective radiated power of 100 Watts and an antenna height of 101 metres above average terrain (FCC File No. BPED-910924MC). The amendment supplies additional information requested by the FCC in its letters dated December 6, 1991 and February 24, 1992. This engineering report contains Section V-B of FCC Form 340 and the exhibits and data required by that section and the FCC Rules, is complete within itself and should be substituted for the exhibits and data presently on file.

It is proposed to lease space to mount the proposed antenna on an existing tower at a height of 187 metres above mean sea level. This tower has been approved by the FAA in Study No. 81-ASW-2255-OE for a height of 809 feet (246.6 metres) above mean sea level, 499 feet (152 metres) above ground level (corresponding to a ground level of 310 feet). The owner of the tower insists that these figures are correct and the FAA agrees with the tower owner. For this reason, these figures are used in this application. The location of the proposed transmitting site is described

on the forms and exhibits attached hereto. When rounded to the nearest whole kilometre, the transmitting site will comply with all of the separation requirements of Section 73.207 of the FCC Rules, with respect to stations operating 53 or 54 channels above the channel proposed herein. The proposed site is more than 320 kilometres from either Mexico or Canada. Five FM stations and eight TV stations are located within 10 kilometres of the site proposed herein. The applicant will employ such measures as necessary to assure operation in accordance with Section 73.317 of the FCC Rules. The effects of receiver induced intermodulation are dependent on the characteristics of the individual receivers involved and therefore cannot be predicted. If complaints of interference are received, the applicant agrees to rectify any complaints in accordance with Section 73.318 of the Commission's Rules, and past policies regarding such interference.

Exhibit No. E-4 is a U.S.G.S. Topographic Map to a scale of 1:250,000 showing the proposed site, radials used for terrain analysis, the 1 mV/m contours, and the city limits of Bryan. The original latitude and longitude lines have been enhanced and relabeled for clarity. The distance to the field strength contours shown were determined in accordance with Section 73.313 of the Commission's Rules using a computer program that duplicates the results that would be obtained from Figure 1 and Figure 1a of Section 73.333 of the Rules. The average 3 to 16 kilometre terrain elevation of each radial was computer generated using the National Geophysical Data Center thirty-second data point data base.

Exhibit No. E-5 is an allocation study in response to Paragraph 21 on Form 340. The normally protected and interfering contours for the proposed operation are shown. The nearest station operating on a channel requiring consideration is KPFT, Houston, Texas. KPFT operates on Channel 211 and is located 118 kilometres southeast of the proposed site. The KPFT 54 dBu contour clears the proposed 60 dBu contour by more than 22 kilometres. All other stations and pertinent contours clear by even greater distances.

The nearest Channel 6 television station is KCEN-TV, Temple, Texas, located at a distance of 103 kilometres at a bearing of 312° True, and is licensed to operate with an ERP of 100 kW and an antenna height of 573 metres above average terrain. The KCEN-TV field strength at the proposed site, based on an antenna height of 610 metres AAT at 131° True, is 56 dBu, and varies between 54 and 58 dBu in the vicinity of the proposed site as shown on Exhibit No. E-6A. Since it is proposed to operate on Channel 210, the protection ratio varies, as shown on the exhibit, in such a manner that the interfering contour varies between 66.0 dBu and 66.3 dBu throughout the area. The difference between the 66.0 and the 66.3 dBu contour is less than 0.1 km and not easily seen on the scale map used. The interference contour is shown and labled as the 66 dBu contour. It is proposed to operate with an ERP of 100 watts using an antenna that is vertically polarized only, therefore the 40:1 power compensation applies. The interference to KCEN-TV has been calculated in accordance with Section 73.525 of the FCC Rules, and is shown on the attached Exhibit No. E-6A.

Television translator station K63DL carries the programs of KCEN-TV. For this reason, Exhibit No. E-6A also shows the Grade A contour of K63DL. Section 73.525(e)(3)(i) excludes the population within the overlap of the Grade A contour of the translator and the 66 dBu contour of the proposed facility. The applicant understands and agrees to the provisions of this rule section.

Exhibit No. E-6B is a same-scale overlay to Exhibit No. E-6A, and shows the portion of the proposed 66 dBu contour that extends beyond the Grade A contour of K63DL. This exhibit also shows the boundaries of the 1990 U.S. Census county minor divisions and the boundaries of Bryan and College Station cities, as transferred from U.S Census maps (see insert on exhibit) to the overlay. The area of the interference that extends beyond the Grade A contour encompasses 4.3% of the land area of West Brazos Division (7,756 persons), and 2.0% of the land area of that portion of Bryan City that is within West Brazos Division (4,288 persons). The population within the interference area is therefore 4.3% of 7,756 persons plus 2.0% of 4,288 persons within these sub-divisions (see table on Exhibit No. E-6B) or a total of 419 persons, well below the maximum of 3000 persons permitted by Section 73.525 of the Rules.

In October, 1985, the Commission issued OST Bulletin No. 65, entitled "Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Radiation". The following evaluation is based on worst case figures from Table 1 for FM, page 37, (Appendix B) of OST No. 65. That table shows that an FM station with a combined effective

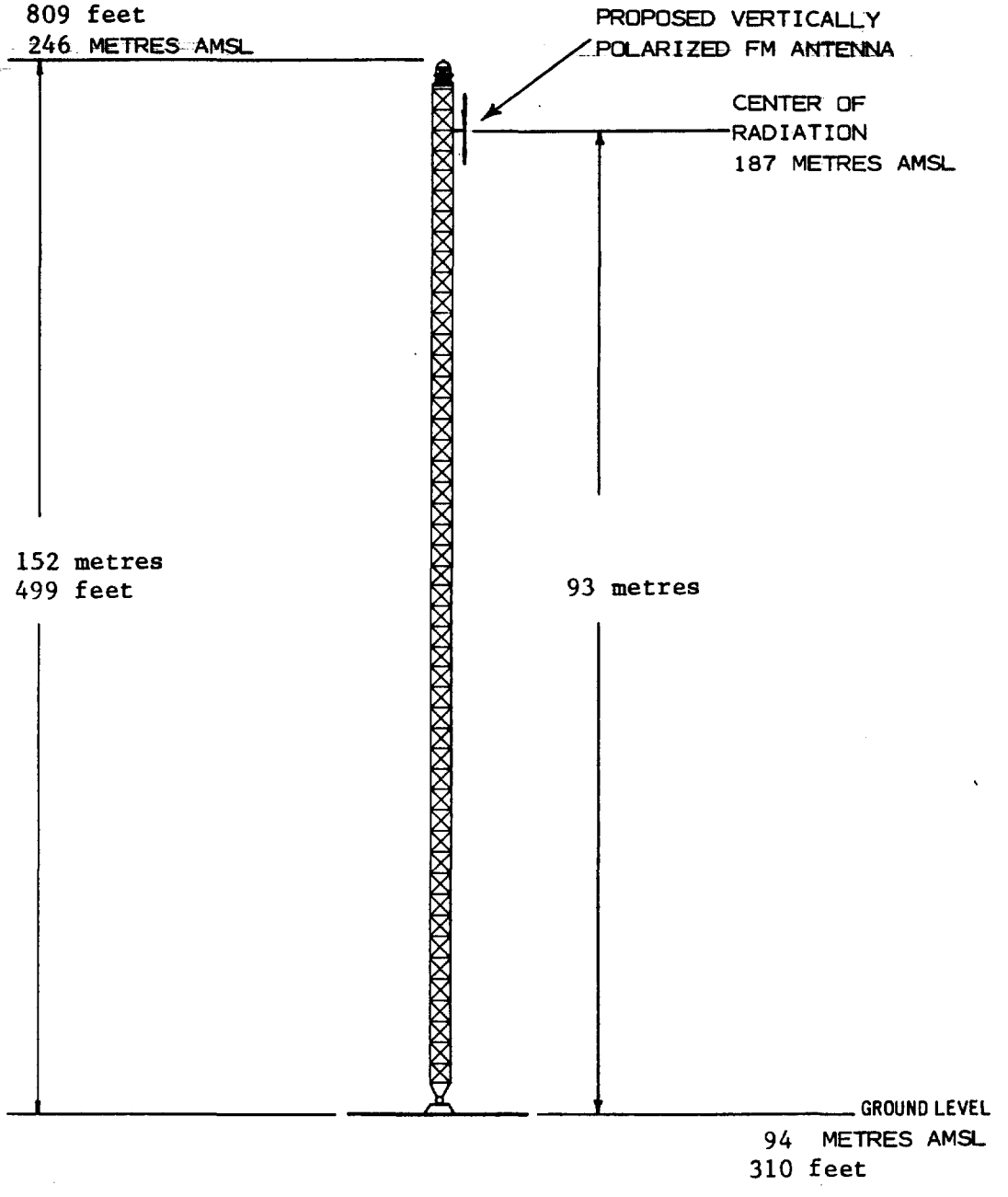
radiated power (ERP) of 0.5 kW (H+V) must have a center of radiation above

states that he is a Consulting Radio Engineer, and a Registered Professional Engineer in the State of Maryland, No. 11415, that his qualifications are a matter of record with the Federal Communications Commission, having been presented on previous occasions. All data and statements contained herein are true and correct to the best of his knowledge and belief.

Charles I. Gallagher

April 30, 1992

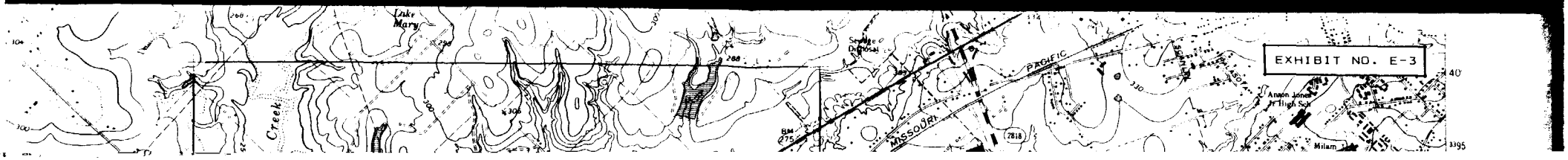
EXHIBIT NO. E-2



Note: Existing tower.
No changes in overall height.

NOT TO SCALE

GALLAGHER & ASSOCIATES CONSULTING RADIO ENGINEERS CLARKSVILLE MD	VERTICAL SKETCH PROPOSED NEW FM STATION BRYAN, TEXAS


Lake Mary
Creek
PACIFIC
MISSOURI
EXHIBIT NO. E-3

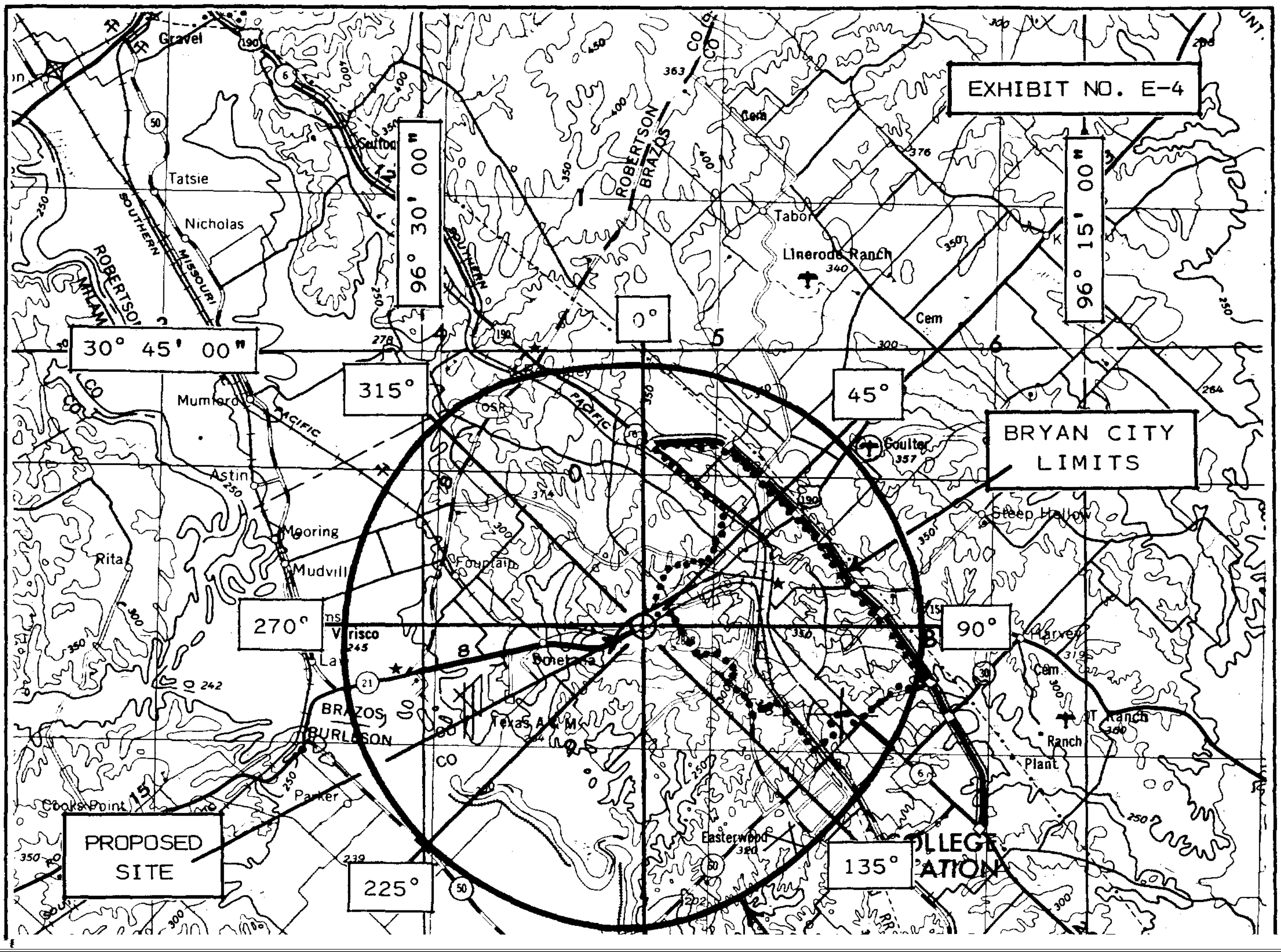
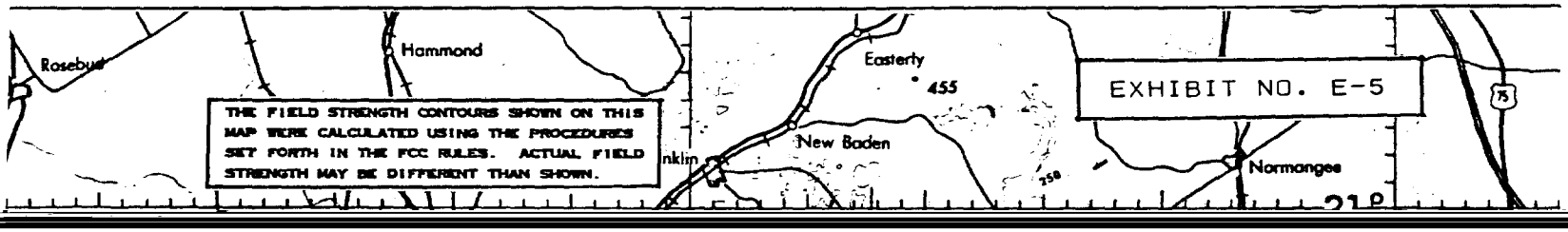


EXHIBIT NO. E-4
BRYAN CITY LIMITS
PROPOSED SITE
30° 45' 00"
96° 30' 00"
96° 15' 00"
0°
45°
90°
135°
225°
270°
315°
Gravel
Tatsie
Nicholas
ROBERTSON
MILAM
SOUTHERN
MISSOURI
PACIFIC
ROBERTSON
BRAZOS
Tabor
Linerode Ranch
Cem
Mumford
Astin
Mooring
Mudvill
Rita
Fountain
Coulter
Steep Hollow
Harvey
Cem
T Ranch
Ranch
Plant
BRAZOS
BURLESON
Parker
Cooks Point
Texas A&M
Easterwood
LLEGE
ATION

GALLAGHER & ASSOCIATES

CONSULTING RADIO ENGINEERS CLARKSVILLE, MD



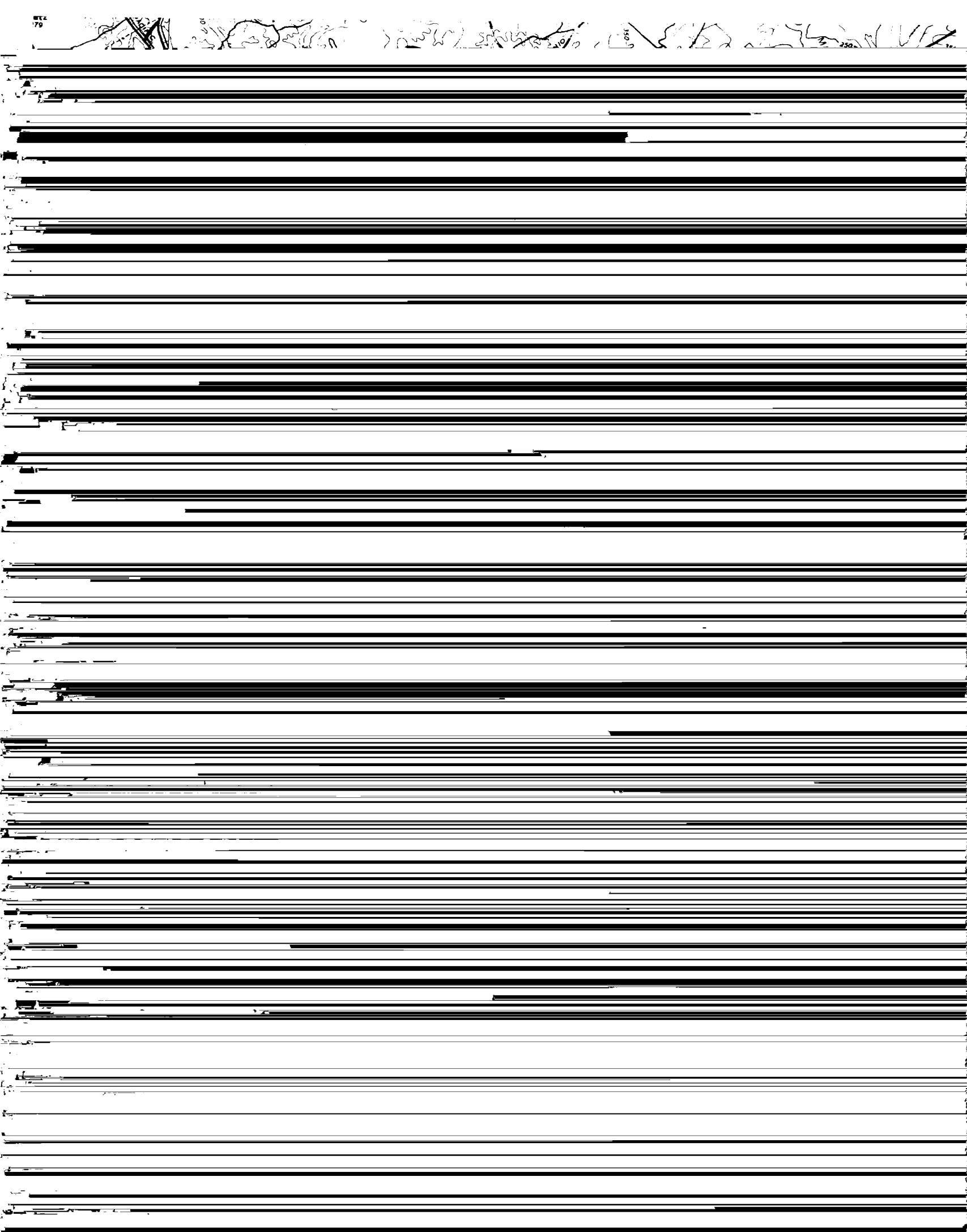
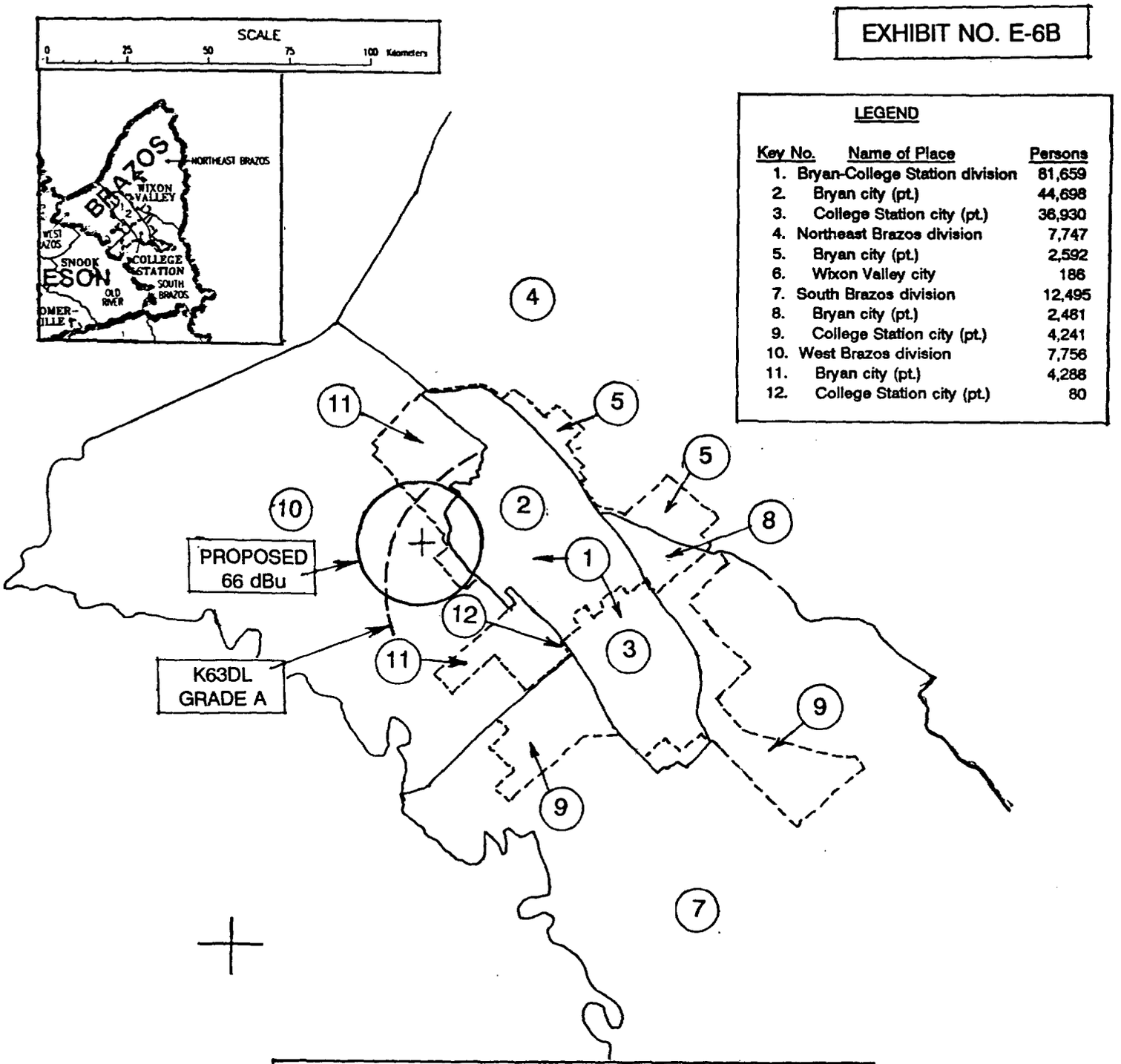


EXHIBIT NO. E-6B



INTERFERENCE TO TV CHANNEL 6
KCEN-TV, TEMPLE, TEXAS
FROM THE PROPOSED NEW FM STATION
BRYAN, TEXAS